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32-2821: Staphylokinase Recombinant Protein

Alternative Name : Staphylokinase,SakSTAR,Neutral proteinase,Protease III,SAK.

Description

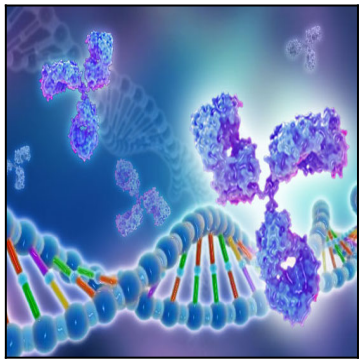
Source : Escherichia Coli. Staphylokinase Recombinant produced in E.Coli is a non-glycosylated polypeptide chain containing 136 amino acids and having a molecular weight of 16kDa.The Staphylokinase is purified by proprietary chromatographic techniques. Staphylokinase (SAK) is a 136-amino acidenzymefrom Staphylococcus aureus. It is positively regulated by the 'agr' gene regulator. It activates plasminogen, which in turn can degrade various host proteins during infection.

Product Info

Amount :	100 µg
Purification :	Greater than 95.0% as determined by:(a) Analysis by RP-HPLC.(b) Analysis by SDS-PAGE.
Content :	Lyophilized from a 0.2µm filtered concentrated solution in PBS, pH 7.4.
Storage condition :	Lyophilized SAK although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution SAK should be stored at 4°C between 2-7 days and for future use below -18°C.Please prevent freeze-thaw cycles.

Application Note

It is recommended to reconstitute the lyophilized SAKin sterile 18MÎ©-cm H2O not less than 100Âµg/ml, which can then be further diluted to other aqueous solutions. The biological activity measured by the ability of fibrin lysis in agarose plate was found to be 50,000IU/mg.



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